[redacted]

AIR FORCE BALLISTIC MISSILE DIVISION

HEADQUARTERS

AIR RESEARCH AND DEVELOPMENT COMMAND

Post Office Box 262
Inglewood, California

August 1958

OPERATIONS ORDER

SERIAL NO. 2-58

162

[redacted]

...listic Missile Division (HQ ARDC)
...ORDER No. 2-58

WDSO-58

OPERATIONAL ORDER

Series No. [illegible]

1. ORGANIZATION:

a. Air Force Ballistic Missile Division (Hq ARDC) Major General B.A. Schriever

b. AFBMD Field Office Palo Alto, California, Lt Colonel Matheson

2. GENERAL SITUATION:

a. By decision of the Secretary of Defense 7 November 1957, a directive was issued that the Air Force proceed with the Development of Weapon System 117L Program at the maximum rate consistent with good management. The development of this system was charged to the Air Research and Development Command and subsequently to the Air Force Ballistic Missile Division. In order to accelerate the attainment of this program the decision was made to augment 117L by making an interim use of the Thor booster. This will provide the Air Force with an early achievement of an orbital capability. The decision to augment the program by use of the Thor booster occurred in January 1958. This operational order is primarily concerned with the Thor boosted vehicle known as Program IIA. It must be realized that the organization and procedures established to support this phase of WS-117L will be enlarged and the organizational scope and jurisdiction broadened as programs involving the Atlas boosted vehicles commence. The AFBMD Field Office, Palo Alto will be activated 15 August 1958 to assume responsibilities for Program IIA development testing.

2. MISSION:

a. The mission of AFBMD Field Office, Palo Alto, is to

(1) Achieve an early orbital capability with a Thor boosted vehicle.

(2) Support the Aero biomedical program designed to assist in the development of the Man-In-Space program.

3. TASKS:

a. The Air Force Ballistic Missile Division (Headquarters ARDC) will:

(1) Prepare operational plans and orders for AFBMD Field Office, Palo Alto.

(2) Provide logistic and administrative support to the AFBMD Field Office, Palo Alto, as necessary.

(3) Man the AFBMD Field Office, Palo Alto.

(4) Provide staff assistance to this Office and the Aerial Recovery Force in accordance with the provisions of this operations order.

(5) Continue planning actions necessary to enlarge this organization and man additional Air Force facilities required to support AFBMD Field Office Palo Alto.

(6) Provide the Air Force Ballistic Missile Division Field Office, Palo Alto, with a list of plans that will be required for normal operation.

(7) Provide support for CRT and administrative flying.

(8) Prepare plans required by lateral commands during the development effort.

b. The AFBMD Field Office, Palo Alto, will:

(1) Establish headquarters at Palo Alto, California.

(2) Assume completely the staff functions required in accordance with this operational order.

(3) Determine capability of its staff to assume their responsibilities on a continuing basis.

(4) Provide staff supervision of the launch tracking and telemetry stations assigned under their command jurisdiction.

(5) Establish SOP's for control and operation of the outlying units.

(6) Be responsible for programming functions for outlying stations over which they exercise command.

(7) Accomplish planning for additional bases and units required to support Programs I through VIII of the WS-117L Development Program.

4. LOGISTICS AND ADMINISTRATION

a. During the life of Program IIA the AFBMD Field Office, Palo Alto, will provide logistic and administrative support as required. (See Annex B.)

b. Installations (See Annex D)

5. COMMAND AND COMMUNICATIONS:

a. Communications. (See Annex C)

b. Command. The Air Force Ballistic Missile Division will retain administrative and operational control over the AFBMD Field Office, Palo Alto, as designated by this Operations Order.

AIR FORCE BALLISTIC MISSILE DIVISION
HEADQUARTERS
AIR RESEARCH AND DEVELOPMENT COMMAND
Post Office Box 262
Inglewood, California

ANNEX A
to
OPERATIONS ORDER
SERIAL NO. 2-58
OPERATIONS

ANNEX A
TO
OPERATIONS ORDER
SERIAL NO. 2-58
OPERATIONS

Detachment 2, Hq ARDC (AFSWP)
Inglewood, California
Date

1. CONCEPT OF OPERATIONS

a. Program IIA has been established to obtain early orbital capability and environmental and basic system performance data so that the design of the WS-117L vehicle can be verified as early as possible. Such an augmentation is made possible by the use of SM-75 boosters instead of using later available SM-65 boosters. This will result principally in placing of the vehicles on polar orbits at altitudes necessarily lower than those planned for later operational research vehicles. Reconnaissance will not be an objective of Program IIA. However, a secondary objective will be the physical recovery of biomedical capsules from orbit by the use of C-119 aircraft performing aerial snatches.

b. A concept of operations for the aerial recovery program is contained in Appendix # of this Annex.

2. FLIGHT OBJECTIVES

Ten flights for Program IIA are planned with the possible addition of several more flights as the program progresses. All flights will be from Cooke AFB. Objectives for these flights are as follows:

a. Primary

(1) Development of WS-117L airborne and ground systems.

(2) Development of ground space communications.

(3) Establishment of vehicle orbit environment and parameters.

(4) Establishment of compatibility of the WS-117L/SM-75 combination.

b. Secondary.

(1) Development of a system for recovery of a capsule from orbit.

(2) Support for aeromedical studies.

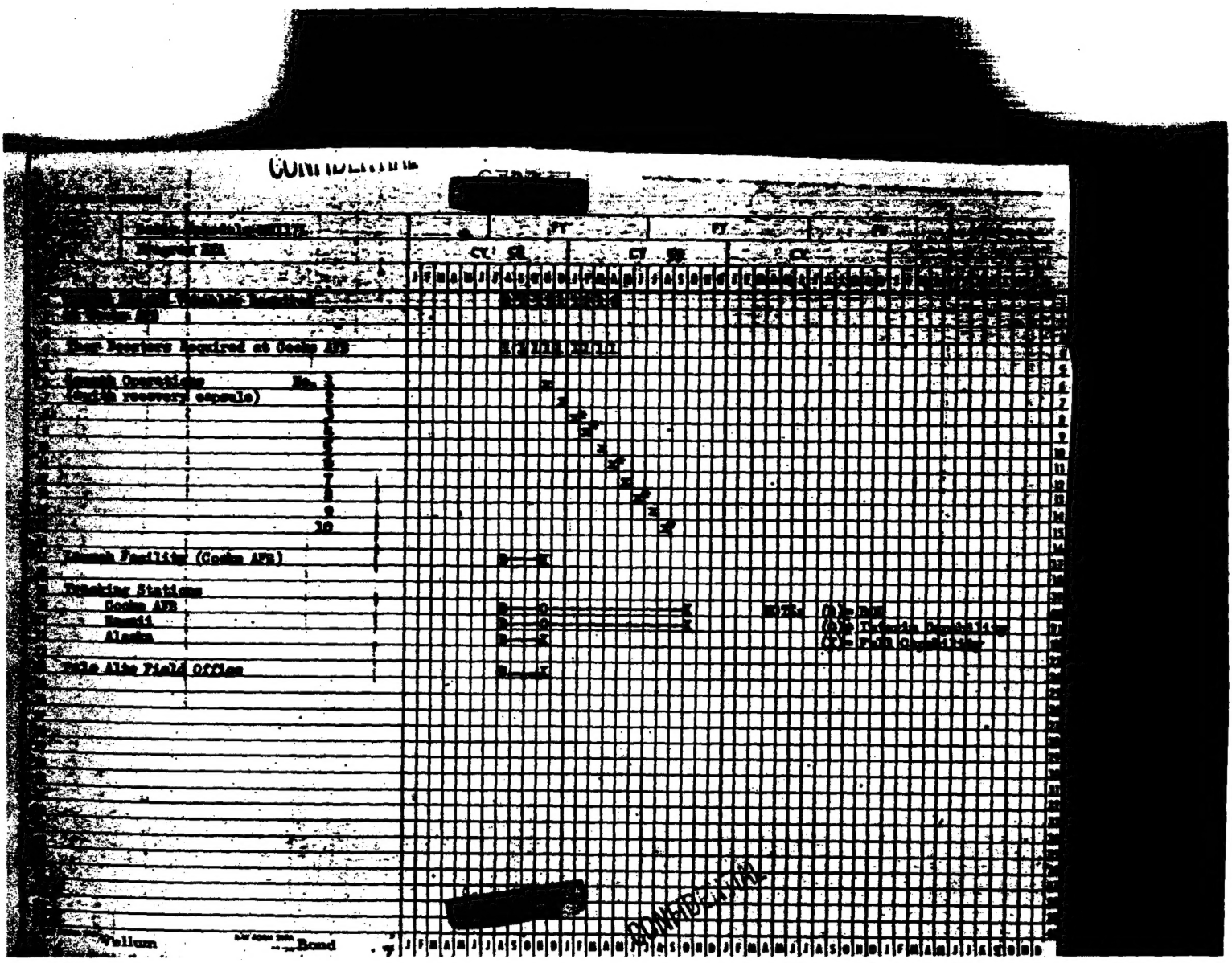
(3) Procurement of geophysical research data.

(4) Achievement of military training and operational experience.

(5) A nucleus of qualified military personnel available for [illegible] WS-117L program.

3. PROGRAM SCHEDULES

[illegible] on the following page.


CONFIDENTIAL
FY
CY
Must Receive Required at Cooke AFB
Smooth Facility (Cooke AFB)
Remainder Stations
Cooke AFB
Kenai
Alaska
Valdez Field Office
Bond
CONFIDENTIAL

AIR FORCE BALLISTIC MISSILE DIVISION
HEADQUARTERS
AIR RESEARCH AND DEVELOPMENT COMMAND
Post Office Box 262
INGLEWOOD, CALIFORNIA

APPENDIX
TO
ANNEX "A"
TO
OPERATIONS ORDER
SERIAL NO. 2-58

APPENDIX 1
to
ANNEX A
ORGANIZATION

Detachment 2, Hq AFSC (AFSMD)
Inglewood, California
Date

1. The AFSMD Field Office located at Palo Alto, California, will exercise operational control over all aspects of Program IIA except where otherwise indicated.

2. Organizations assigned to the Field Office are as follows:

a. Tracking and Acquisition Station -- Chiniak, Kodiak Island, Alaska

b. Tracking and Acquisition Station -- Annette Island, Alaska

c. Tracking and Acquisition Station -- Kaena Point T.H.

d. Other Stations will be contract operated. Manning by Air Force personnel will be on a TDY status during launch phases.

e. 6593rd Test Squadron (Special)

3. Organizations under operational control of the Field Office during launch phases are:

a. EC-121 aircraft and crews from 552nd AEW Wing, McClellan AFB, California

b. Naval vessels employed in water pick-up.

c. Naval ship tracking station located off Cooke AFB, California

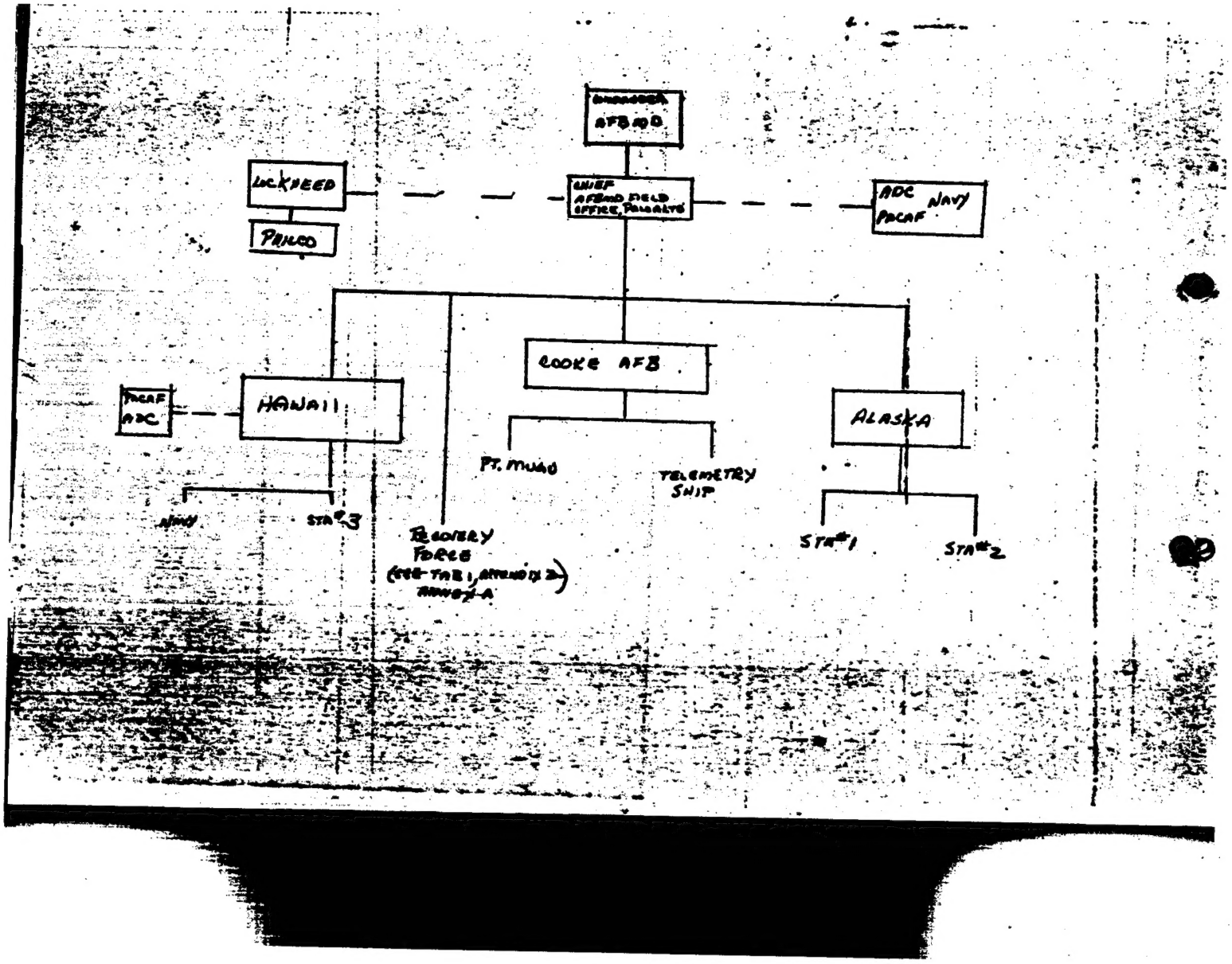
d. SM-75/117L Launch operations crews at Cooke AFB.

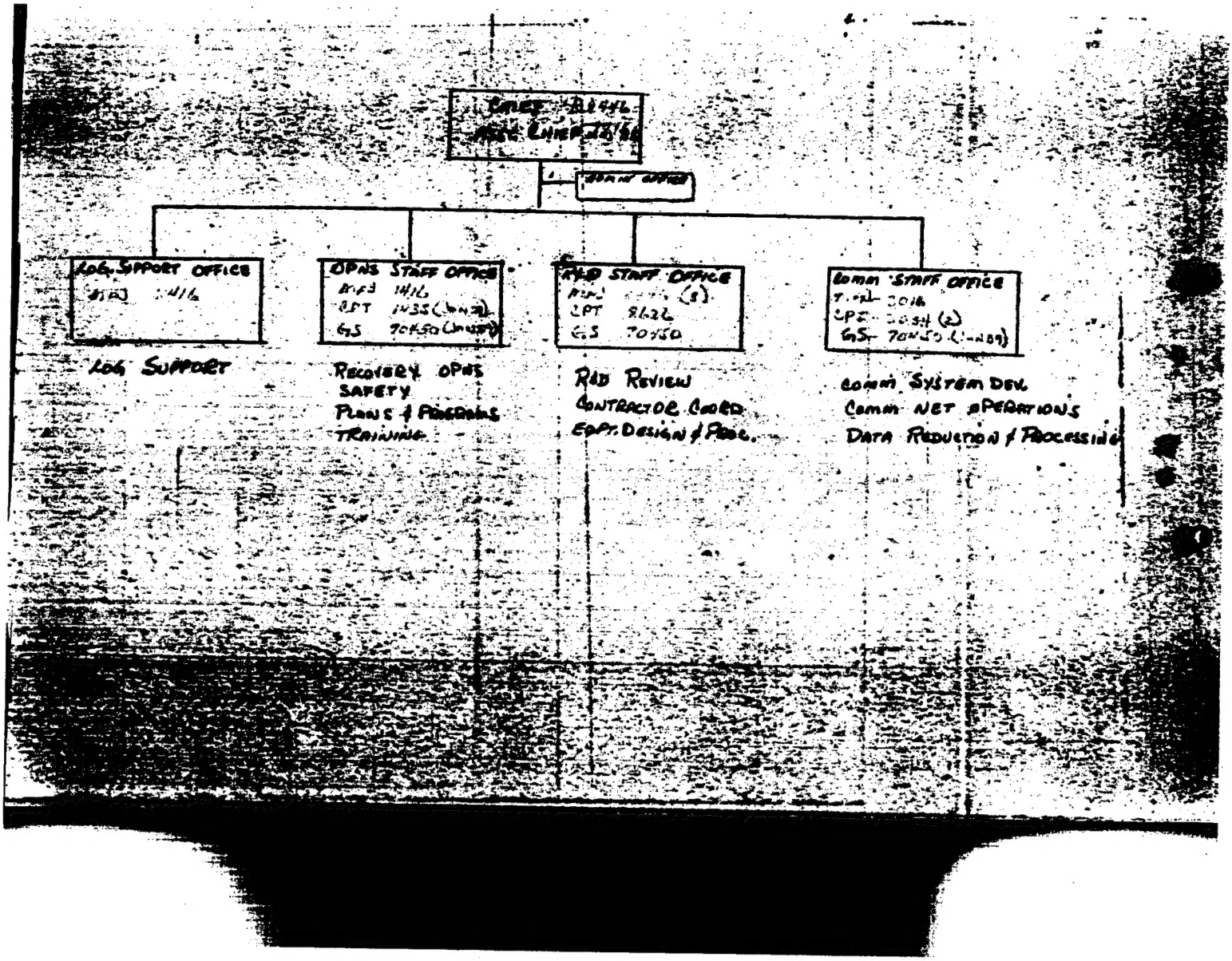
TAB 1 Organizational Chart, Program IIA

TAB 2 AFSMD Field Office, Palo Alto Organizational Chart*

* For organizational chart of 6593rd Test Squadron (Special) see Tab 1 of Appendix 2.

Hq AFSMD


AFBMD
LOCKHEED
PHILCO
CHIEF AFBMD FIELD OFFICE, PALMDALE
ADC NAVY PACAF
COOKE AFB
HAWAII
PACAF ADC
ALASKA
PT. MUGU
TELEMETRY SHIP
NAVY
STA #3
RECOVERY FORCE
STA #1
STA #2


LOG. SUPPORT OFFICE
LOG SUPPORT
OPNS STAFF OFFICE
RECOVERY OPNS
SAFETY
PLANS & PROGRAMS
TRAINING
R&D STAFF OFFICE
R&D REVIEW
CONTRACTOR COORD.
EQPT. DESIGN & PROC.
COMM. STAFF OFFICE
COMM. SYSTEM DEV.
COMM NET OPERATIONS
DATA REDUCTION & PROCESSING

AIR FORCE BALLISTIC MISSILE DIVISION
HEADQUARTERS
AIR RESEARCH AND DEVELOPMENT COMMAND
Post Office Box 262
Inglewood, California

ANNEX "B"
TO
OPERATIONS ORDER
SERIAL NO. 2-58
LOGISTICS

AF Ballistic Missile Division (AMC)

Annex B
TO
OO 2-58

ANNEX "B"
TO
OPERATIONS ORDER
SERIAL NO. 2-58
LOGISTICS

Detachment 2, Hq AFBMD (ARDC)
Inglewood, California
Date

1. GENERAL

a. See basic order

2. GENERAL SITUATION

a. See Operation Order AFBMD 2-58

3. LOGISTICAL POSITION

a. General

(1) The Air Force Ballistic Missile Division (AFBMD) will furnish all [illegible] assistance to the AFBMD Field Office, Palo Alto at all times.

(2) To adequately support assigned missions, this annex with appendices will be revised as required.

4. TABLE OF CONTENTS

a. Appendix 1 - Administration

b. Appendix 2 - Materiel

c. Appendix 3 - Legal

d. Appendix 4 - Comptroller

e. Appendix 5 - Inspection and Security

f. Appendix 6 - Medical

g. Appendix 7 - Information Services

h. Appendix 8 - Personnel

i. Appendix 9 - Manpower

AIR FORCE BALLISTIC MISSILE DIVISION
HEADQUARTERS
AIR RESEARCH AND DEVELOPMENT COMMAND
Post Office Box 262
Inglewood, California

APPENDIX 1

TO

ANNEX "B" LOGISTICS

TO

OPERATIONS ORDER NO. 2-58

ADMINISTRATION

AF BALLISTIC MISSILE DIVISION (ARDC)
APPENDIX 1 to ANNEX B to
OPN. Order No. 2-58

APPENDIX 1
to
ANNEX "B" LOGISTICS
to
OPERATIONS ORDER NO. 2-58
ADMINISTRATION

Detachment 2, Hq AFSD (AFSMD)
Inglewood, California
Date

1. ADMINISTRATION

a. AFSMD directives which are applicable to the AFSMD Field Office, Palo Alto, California, will be published in the form of AFSMD Installation Regulations. [illegible] instructions for performing administrative actions such as issuance of orders, records management, classified document control, messenger service, mail and courier service, publications and forms management, and reproduction services, will be issued in the form of Standing Operating procedures from the Office of Administrative Services, AFSMD.

2. ORGANIZATION

a. Administrative functions in the AFSMD Field Office, Palo Alto, California, will be established and operated in the Office of the Chief.

3. CORRESPONDENCE MANAGEMENT

a. Correspondence Management to include procedures and message processing will be operated as prescribed by AFR 205-1; AFM 10-1, and AFSMD Installation Regulations. The AFSMD Field Office will assume this function upon opening of the office.

4. RECORDS MANAGEMENT

a. Current records (files) will be maintained in accordance with AFR [illegible]. This capability should be developed within one month after opening of the [illegible]. Records Control Schedules will be prepared not later than one year after [illegible] the office. Schedules will be reviewed and approved by the AFSMD Records Management Officer. He will also furnish detailed advice and assistance by means of [illegible] Operating Instructions and personal visits. Lockheed Aircraft Corporation, [illegible] California, should provide storage space for non-current records if needed.

5. PUBLICATIONS AND FORMS MANAGEMENT

a. The Director of Administrative Services, AFBMD will provide necessary Departmental, ARDC, and AFBMD Publications and Forms and furnish staff supervision of the Publications and Forms Management Program. Direct contact will be maintained with the Administrative Officer, AFBMD Field Office. The initial issue of publications will be accomplished at AFBMD for hand-carrying to Palo Alto. All subsequent requirements will be forwarded by mail. The AFBMD Field Office is authorized to issue such internal instructions as required to perform the assigned mission. Forms management will be provided by AFBMD except that the AFBMD Field Office may originate and reproduce such office forms as are required for expeditious accomplishment of the mission.

6. REPRODUCTION AND PRINTING:

a. Lockheed Aircraft Corporation should provide printing, reproduction and duplicating service. The AFBMD Field Office will coordinate requirements with Lockheed Aircraft Corporation. All printing, reproduction and duplicating service, beyond the capability of Lockheed Aircraft Corporation, may be accomplished under contract printing procedures or may be forwarded to AFBMD for accomplishment. Funds for contract printing, if required, will be furnished by AFBMD.

7. ADMINISTRATIVE ORDERS:

a. AFBMD Field Office will issue all Temporary Duty and Leave Orders for travel within the continental limits of the U.S. AFBMD Field Office will also issue temporary duty travel orders for military personnel and GS Civilian personnel for travel to the Hawaiian and Alaskan Areas in support of the 117L program. The Director of Administrative Services, AFBMD will furnish necessary authorizations to issue orders; preprinted multilith masters for overseas travel; forms for TDY and Leave Orders; detailed instructions; and an official Headquarters ARDC seal for purposes of authentication. The Comptroller, AFBMD, will provide necessary fund citations. AFBMD Field Office will have this capability immediately upon opening of the office.

b. AFBMD Field Office will issue Travel Authorization Orders for contractor personnel for travel to Hawaii and Alaska and such other places as may be necessary to accomplish the mission. Preprinted multilith masters will be provided by the Director of Administrative Services, AFBMD. No fund citation is necessary as orders are issued only to provide for military, non-revenue travel by air or government auto. AFBMD Field Office will have this capability immediately upon opening of the office.

c. AFBMD will issue all other orders as required.

8. MAIL AND POSTAL:

Lockheed Aircraft Corporation should provide mail and postal services as requested by the AFBMD Field Office. AFBMD Field Office will coordinate mail and postal requirements with Lockheed Aircraft Corporation and AFBMD. AFBMD will provide staff supervision. The 182 series of AFR's and AFM's will govern internal mail handling.

9. MESSENGER SERVICES:

The Lockheed Aircraft Corporation should provide normal office messenger services as required. AFBMD Field Office will coordinate requirements with Lockheed Aircraft Corporation.

10. TECHNICAL INFORMATION:

AFBMD Field Office will establish internal procedures for the receipt, control and dissemination of technical information. The Director of Operations, Resources, will provide advice, assistance, and staff supervision.

11. AERIAL RECOVERY FORCE

See Administrative Tab _____ to Appendix 3 Annex A

[redacted]

[redacted]

[redacted] 2

[redacted]

[redacted]

[redacted]

MATERIEL

[redacted]

(b) Snow removal equipment and personnel sufficient to keep Miller Air Strip and site access roads usable.

(c) Equipment maintenance and operators to provide necessary [illegible] transportation.

(d) Personnel and equipment required to provide adequate fire protection.

(e) Personnel and equipment required to request, receive, store, and issue equipment and supplies necessary for the support and maintenance of the equipment and installation excluding the technical equipment furnished to perform the tracking and data acquisition function.

(f) Personnel and equipment necessary to provide emergency first aid.

(g) Personnel and equipment required to operate a messing facility.

(h) Equipment necessary to provide the normal recreational facilities furnished to comparable sites.

(i) Adequate billeting equipment.

(j) General housekeeping equipment as requested by LMSD.

(2) Chiniak, Alaska. LMSD must provide.

(a) Spare parts for the technical equipment supplied by LMSD or sub-contractors.

(b) Maintenance of technical equipment.

(3) Annette Island, Alaska. The Alaskan Air Command has no support responsibility at Annette Island Site.

(4) Annette Island, Alaska. LMSD must provide:

(a) The full range of housekeeping support at Annette.

(b) Spare parts and maintenance of technical equipment.

(5) Kaena Point, Hawaii. Pacific Air Forces will provide:

(a) Personnel and equipment necessary to transport cargo from Hickam to site.

(b) Normal installations - engineer-type maintenance at the site and access road.

(c) Housekeeping equipment to furnish the site as requested by LMSD.

(d) Temporary storage and classroom space on Hickam.

(6) Kaena Point, Hawaii: LMSD will provide:

(a) Guard services.

(b) Personnel transportation.

(c) Janitorial services and supplies.

(d) Technical equipment spares and maintenance.

(7) Point Mugu, California: The United States Navy will provide:

(a) Real Estate and Building Space (administrative and storage).

(b) Commercial electrical power and normal housekeeping utilities.

(c) Fire protection.

(d) Perimeter security.

(e) Emergency hospital and first aid.

(f) Cafeteria and other services which are furnished to civilians.

(8) Point Mugu, California: LMSD will provide:

(a) Personnel for the operation and maintenance of project equipment.

(b) Transportation.

(c) Office supplies.

(d) Contractor housing.

(9) Cooke Air Force Base, California: SAC will provide:

(a) Post Office Service.

(b) Technical Library to include Air Force Technical Orders, Air Force Stock Lists, and Air Force Specifications.

(c) Emergency first aid, ambulance service, and hospitalization, on a reimbursable basis.

(d) Fire protection service.

(e) Perimeter security.

(f) Base bus service.

(g) Full range of weather data.

(h) Maintenance of buildings and grounds.

(i) Utilities.

(j) RP-1 fuel.

(k) Liquid oxygen and nitrogen.

(l) Salvage function.

(m) Security guards.

(10) Cooke Air Force Base, California: AMCLO will provide:

(a) Temporary building space (administrative, shop, and storage).

(b) Secondary contract administration.

(11) Cooke Air Force Base, California: LMED will provide, if required:

(a) Reproduction facilities.

(b) Housing and messing.

(c) Transportation.

(d) Shop equipment.

(e) Maintenance of CFE.

(f) Punch card and data reduction service.

(g) Laboratories (chemical, metallurgical, calibration standards).

(h) Janitorial services.

(i) Office and janitorial supplies.

(j) Chemical fuels (UDMH, etc).

(k) Special lubricants.

NOTE: AMCLO at Cooke AFB has secondary contract administration of contractors performing functions at Cooke AFB and it is therefore imperative that contractors receive their guidance from this office prior to contracting for any service listed in paragraph (11) above. Equipment required to perform any of these services must be submitted in Facilities - Appendix "A" format to BMD/MCPTI who will determine how the equipment will be provided to the contractor. This policy encompasses only that equipment required by a contractor to perform his contractual obligations within the continental limits of the United States and does not apply to equipment required for overseas use. Equipment required overseas that cannot be provided through AFR 11-4 agreements will be provided through the AFTE.

(12) AFBMD Field Office, Palo Alto: LMED will provide:

(a) Total housekeeping support.

3. TRANSPORTATION:

a. The mode of transportation selected for a given purpose shall be determined by its adequacy, feasibility, practicality, and overall economy. Air transportation will be considered as a normal mode of transportation, but not necessarily the primary mode when other modes will satisfy the requirements of the WS-117L program as to [illegible] cycle.

b. Normal commercial transportation facilities will be utilized by the contractors whenever such facilities are adequate, considering such factors as capability, security, delivery deadlines. The contractor should avail himself of the services of the AFFR in arranging for shipments by commercial means, exceeding 10,000 pounds or comprising truck-load, car-load, or plane-load lots. If the AFFR does not have a transportation representative assigned, AFBMD (ATTN: WDSMT) may be contacted for guidance and/or assistance.

c. Transportation requirements that must be satisfied by Military Airlift by reason of size, security aspects, delivery dates, etc., will be programmed through AFBMD (ATTN: WDSMT) and will be identified by the 5th of the fourth month preceding the month airlift is needed, i.e., by 5 August, requirement will be identified for December; thru; with an estimate of January and February military airlift needs. Military Transportation Requirements will include the following information:

(1) Weight.

(2) Dimensions Cube.

(3) Dimensions of largest piece.

(4) Origin.

(5) Destination.

(6) Ready date.

(7) Deadline delivery date.

(8) Contact at origin (Name and telephone).

(9) Contact and destination (Name and telephone).

(10) Special pertinent remarks, i.e., classification, special packing requirements, etc.

d. The prime contractor will be responsible for insuring that Military Airlift requirements of subcontractors are identified accurately and in time.

[redacted]

[redacted]

[redacted]

ROUGH DRAFT

APPENDIX 1

TO

ANNEX "B" LOGISTICS

TO

OPERATIONS ORDER NO. 1-58

LEGAL

Detachment 2, Hq, ARDC (AFBMD)
Inglewood, California
18 July 1958

I. COURT MARTIAL JURISDICTION:

A. Court Martial Jurisdiction for military personnel assigned to WS 117L-Program-II-A will be the same as that exercised over Detachment 2, Hq, ARDC, (AFBMD).

B. Section IV of General Order No. 8, Hq, ARDC, dated 4 February 1958, would thus apply to airmen personnel assigned to AFBMD with duty stations designated under the WS 117L-Program-II-A. Specifically, General and Special Court Martial Jurisdiction shall be exercised by the Commander, AFFTC, Edwards Air Force Base, Edwards, California, and Summary Court Martial Jurisdiction shall be exercised by the Commander, Detachment 2, Hq, ARDC, (AFBMD).

C. Court Martial Jurisdiction and Article 15, UCMJ, over officers shall remain with the Commander, Hq, ARDC, Andrews Air Force Base, Washington, D. C.

II. ADMINISTRATIVE BOARD PROCEEDINGS:

Administrative actions required by AFR's 35-62, 36-2, 39-16, 39-17, and other directives shall follow pertinent Air Force regulations and convened by the appropriate echelon of Court Martial authority enumerated in Section I above.

III. ATTACHMENT FOR LEGAL AND ADMINISTRATIVE PROCEEDINGS:

If at some future date it is indicated that the military personnel assigned to WS 117-L-Program-II-A as tenant units should be attached for legal and administrative proceedings to the military organization they are on board, a coordinated request should be made to the General Court Martial Authority involved and the provisions of paragraph 5, AFR 11-4 may then be followed and utilized.

IV. CLAIMS, LEGAL ASSISTANCE AND MILITARY AFFAIRS:

The military personnel assigned to WS-117L-Program-II-A will be permitted to utilize the legal services of the local Staff Judge Advocate for such matters as Claims, Legal Assistance, and questions involving Military Affairs.

AIR FORCE BALLISTIC MISSILE DIVISION
HEADQUARTERS
AIR RESEARCH AND DEVELOPMENT COMMAND
Post Office Box 262
INGLEWOOD, CALIFORNIA

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to
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to
[redacted]

COMPTROLLER

[redacted]

APPENDIX 4
to
ANNEX "B" LOGISTICS
to
OPERATIONS ORDER NO. 2-58
COMPTROLLER

Detachment 2, Hq ARDC (AFSMD)
Inglewood, Calif
Date

1. Comptroller

a. The comptroller, AFSMD, will carry out the comptroller functions and responsibilities as prescribed by Air Force Manual 170-6, dated 15 April 1958 and as they relate to the AFSMD Field Office Palo Alto.

b. The Director of the Field Office will appoint an individual as a contact point to monitor all comptroller activities.

2. Budget

a. Budget estimates and financial plans prepared by AFSMD will include provisions to support this office in the following areas:

(1) Pay of authorized Department of the Air Force civilians.

(2) Temporary duty travel of military personnel and Department of the Air Force civilians assigned to this activity. The Director of the Field Office will be required to submit his TDY fund estimate upon receipt of the call from AFSMD.

b. All other support costs will be included in the support clause of the contract to "Lockheed".

3. Accounting and Finance:

a. The Accounting and Finance Division, AFSMD, will provide the AFSMD Field Office, Palo Alto with the following:

(1) A quarterly Obligation Authority will be issued to provide funds to facilitate the issuance of temporary duty travel orders.

(2) Finance service will be rendered to members assigned to the liaison office. This includes but is not limited to the payment of the regular monthly pay and allowances, per diem and travel expenses incurred while on temporary duty and miscellaneous types of claims submitted by military members for payment.

(3) When required, the payment of civilian personnel assigned to the office.

Analysis

4. Management Analysis

a. Management analysis services will be provided by the AFSMD as required.

5. Statistical Services

a. Normal statistical services for the liaison office will be provided by AFSMD in accordance with applicable directives.

AIR FORCE BALLISTIC MISSILE DIVISION
HEADQUARTERS
AIR RESEARCH AND DEVELOPMENT COMMAND
Post Office Box 262
INGLEWOOD, CALIFORNIA

APPENDIX 5
TO
ANNEX "B" LOGISTICS
TO
OPERATIONS ORDER NO. 2-58

INSPECTION AND SECURITY

APPENDIX 5
to
ANNEX B
to
OPERATIONS ORDER
SERIAL NO. 2-58

INSPECTION AND SECURITY

Detachment 2, Sq ARDC (AFBMD)
Inglewood, California
Date

1. INSPECTION:

a. The Commander, Air Force Ballistic Missile Division, will insure that necessary inspection services are provided for the Palo Alto Field Office.

2. SECURITY:

a. Visitor Control services, in accordance with existing AFBMD Visitor Control procedures, will be provided by the Commander, Air Force Ballistic Missile Division.

b. Classification guidance and security criterion for WS-117L will be furnished by the Commander, Air Force Ballistic Missile Division, through the medium of Master Security Classification Guide for the weapon system.

c. Commander, Air Force Ballistic Missile Division, will make necessary arrangements for obtaining required internal security support from the Contractor for the Palo Alto Field Office.

AIR FORCE BALLISTIC MISSILE DIVISION
HEADQUARTERS
AIR RESEARCH AND DEVELOPMENT COMMAND
Post Office Box 262
Inglewood, California

APPENDIX 6

TO

ANNEX "B" LOGISTICS

TO

OPERATIONS ORDER NO. 1 - 58

MEDICAL

APPENDIX 6

TO

ANNEX "B" LOGISTICS

TO

OPERATIONS ORDER NO. 2 - 58

MEDICAL

AF Ballistic Missile Division
(Hq ARDC)
Inglewood, California
(date)

1. GENERAL:

a. Within the Palo Alto area there are numerous Armed Forces medical facilities capable of providing out-patient and in-patient medical and dental care including most specialties for all military personnel. Facilities for dependent care at these military installations may be somewhat limited. There are, however, within this area many accredited civilian hospitals available to serve military dependents under provisions of the medicare program. AFBMD Field Office, Palo Alto, will direct questions concerning medicare procedures to the medicare clerk of the California Physician Service located within the area.

b. Care for military personnel. AFBMD will contact the Commander of the U.S. Navy Air Station, Moffett Field, to arrange for in-patient and out-patient medical and dental care for all assigned military personnel.

c. Dependents of military personnel.

(1) Out-patient service. The Navy medical facility at Moffett Field will be requested to furnish out-patient medical care within their capability. Beyond this, dependent out-patient care may be furnished by any Armed Forces medical facility located in the area. Dependents should contact a medical facility by telephone prior to a visit for medical treatment.

(2) In-patient service. If this service is not available at a military facility, hospitalization is covered by the medicare program as outlined in AFR 160-41.

d. Emergencies.

(1) Emergencies will be cared for at any time by any military medical treatment facility.

(2) Emergency treatment for military personnel at civilian institutions is authorized by AFR 160-53.

(3) Civilian emergency medical treatment for dependents is furnished in accordance with the provisions of AFR 160-41. The requirements of this regulation are known to all civilian hospitals and clinics in the area.

e. Dental care. Military personnel assigned will contact nearest dental office for care and appointments. Request for dependent care may also be made; however, it is extremely doubtful that such care will be given.

AIR FORCE BALLISTIC MISSILE DIVISION
HEADQUARTERS
AIR RESEARCH AND DEVELOPMENT COMMAND
Post Office Box 262
Inglewood, California

APPENDIX 9

TO

ANNEX "B" LOGISTICS

TO

OPERATIONS ORDER NO. 1-58

INFORMATION SERVICES

AF BALLISTIC MISSILE DIVISION (HQ ARDC)
APPENDIX 9 to ANNEX B to
Opn. Order No. 1-58

APPENDIX 17
TO

ANNEX "B" LOGISTICS
TO
OPERATIONS ORDER NO. 1-58
INFORMATION SERVICES

AF Ballistic Missile Division
(Hq ARDC)
Inglewood, California
(date)

1. COMMAND RELATIONSHIP:

~~The AFBMD Field Office, Palo Alto,~~ will be responsible ~~to the~~ Commander, AF Ballistic Missile Division for Information Services throughout Program IIA.

2. RESPONSIBILITY:

All public release information concerning the activities of the Field Office will be released by ~~is subject to the approval of~~ the Director, Information Services Office, AFBMD.

3. MISSION REQUIREMENTS:

The AFBMD Field Office, Palo Alto, will be responsible for:

a. Supervision of all actions necessary to establish and maintain a sound and aggressive information program, including public and internal information, community relations and historical activities.

b. Advising the Commander on all matters concerning the Field Office information program and implementation thereof.

c. Advising the Director, Information Services Office, AFBMD on matters which might be expected to arouse public interest and/or press inquiries resulting from their assigned mission.

APPENDIX D

TO

ANNEX "B" LOC ORDER

TO

OPERATIONS ORDER NO. 2-58

PERSONNEL

Detachment #, Hq AFSWC (AFSMD)
Inglewood, California
Date

A. MILITARY PERSONNEL:

1. The Chief, AFSMD Field Office, Palo Alto, is directly responsible to the Commander, AFSMD, for the management of all AFSC military personnel assigned to the WS 117L Task Organization. The Commander, 6593d Test Squadron (Special) will be directly responsible to the Chief, Field Office for the management of personnel assigned to the 6593d Test Squadron (Special). Specific responsibilities are as follows:

a. Personnel Procurement.

(1) The Chief, Field Office is responsible for personnel planning, determining specific personnel requirements data.

(2) The Commander, AFSMD, will be responsible for the manning of the AFSMD Field Office, which includes the 6593d Test Squadron (Special). This responsibility will include the preparation and submission of all officer and airman personnel requisitions for initial and attrition requirements. Areas of personnel procurement responsibilities are as follows:

b. Reassignments.

(1) The Chief, Field Office will be responsible for determining necessity for reassignments within the Task Organization and will initiate pertinent reassignment requests.

(2) AFSMD will accomplish the reassignment of all individuals within WS 117L elements of the WS 117L Task Organization and will screen and process all requests for reassignment from WS 117L Task Organization elements.

c. Military Personnel Records System.

(1) AFSMD will maintain the military personnel records for all AFSC personnel assigned to the WS 117L Task Organization, except personnel assigned to the 6593d Test Squadron (Special).

(2) The maintenance of the military personnel records for personnel assigned to the 6593d Test Squadron (Special) will be the responsibility of the:

(a) Command [illegible] Group, Eglin Air Force Base, while on TDY thereat from approximately August 1958 to December 1958 and

(b) Command [illegible] Pacific Air Force Base, when unit arrives POD thereat approximately December 1958.

4. Medical and Dental Care. [illegible] will accompany the individual or his duty station for use in securing medical support necessary [illegible] installation to which the element is attached for administration and logistic support.

e. Promotions.

(1) Officer promotion program.

(a) AFMPC will prepare and submit necessary reports as required to implement temporary promotion programs.

(b) AFMPC will exercise [illegible] promotion authority under AFR 36-13, 36-24, 36-30, 36-43, 36-56, and 36-81.

(2) Airman promotion program.

(a) AFMPC will exercise staff guidance over the airman temporary promotion program.

(b) The Chief, Field Office will provide the promotion nominees based on current eligibility criteria.

(c) The AFMPC Airman Promotion Board will make first selection of airmen to be promoted.

f. Separations.

(1) AFMPC will review and process requests for separation actions originating within the WS 117L Task Organization where final authority is retained by Hq AFPC and Hq USAF, and initiate final action for authority for such action rests with AFMPC.

(2) The Chief, Field Office will provide recommendations for all separation actions.

g. On-The-Job-Training. The Commander, AFMPC, will be responsible for the OJT programs of the WS 117L Task Organization.

h. Personnel Services. AFMPC will administer the personnel services program for the WS 117L Task Organization. Coordination with military organizations adjacent to deployed locations will be accomplished to provide adequate personnel services for the WS 117L Task Organization.

D. SERVICES:

1. The commander, AFMD, will [illegible] civilian personnel assigned to elements of the WS 117L Task Organization in central and northern California. Elements located in other geographical [illegible] will be serviced by the nearest Air Force Central Civilian Personnel Office.

E. PERSONNEL PROCEDURES:

1. AFMD will be responsible for the preparation and submission of morning reports for the WS 117L Task Organization, excluding the 6593d Test Squadron (Special). Morning reports for that organization will be submitted by the base unit to which attached for administrative support.

2. The Chief, Field Office will be responsible for forwarding morning reports to AFMD for those personnel assigned to the WS 117L Task Organization, excluding the 6593d Test Squadron (Special).

3. The Commander, 6593d Test Squadron (Special) will [illegible] transmitted reports as to Aircraft Crew Status to AFMD and to the Chief, AFMD Field Office whenever a change occurs in crew readiness status, such as flight [illegible], sickness, leave, etc.

APPENDIX 9
TO
ANNEX "B" LOGISTICS
TO
OPERATIONS ORDER NO. 2-58
MANPOWER

Detachment 2, Hq ARDC (AFBMD)
Inglewood, California
Date

1. GENERAL:

a. Tasks outlined herein are effective 15 August 1958. Staff assistance will be provided the AFBMD, Field Office, Palo Alto, as required, by the Manpower Division, AFBMD.

b. Activities directly supporting the WS 117L Task Organization are:

(1) Headquarters Alaskan Air Command

(2) Headquarters Pacific Air Force

(3) Naval Surface Element Recovery Force, Pearl Harbor, T.H.

(4) 6486th Air Base Wing, Hickam Air Force Base, T.H.

(5) 552d AEW & C Wing (ADC), McClellan Air Force Base

(6) 6510th Air Base Group, Edwards Air Force Base, California

(7) AFBMD Field Office, Cooke Air Force Base

2. PURPOSE:

a. The primary purpose of this document is to provide guidance to the Chief, AFBMD Field Office, Palo Alto and all elements in support of the WS 117L Task Organization as to applicable procedures for programming manpower requirements and processing organizational actions.

3. MANPOWER REQUIREMENTS:

a. The provisions of AFBMD Installation Regulation 26-1 will be complied with by the ARDC units of the WS 117L Task Organization in programming and submission of their manpower requirements.

b. Other activities in support of the WS 117L Task Organization will be responsible for programming their manpower requirements to this mission.

4. UNIT MANNING DOCUMENT and MANPOWER PROGRAM DOCUMENT PROCEDURES:

a. AFBMD will be responsible for the preparation, approval, and publishing of Unit Manning Documents for all assigned elements of the WS 117L Task Organization. See Tabs 1 and 2 for initial manpower requirements.

b. AFBMD will publish, distribute, and maintain the manpower and organizational program documents for the WS 117L Task Organization.

5. REPORTS:

a. The Chief, Manpower Division, AFBMD, will be responsible for all manpower reports pertaining to the WS 117L Task Organization required by higher headquarters.

CONFIDENTIAL

US 117L TASK ORGANIZATION

5140

1. [redacted] HEADQUARTERS

a. Command, Admin & A/C Support

1Lt Col	8446
Maj	1816
M/Sgt	70870
M/Sgt	A31724
S/Sgt	A31524
Clk	70450

b. Logistics Staff

Maj	4416

c. Operations Staff

Maj	1816
Capt	1816 (Deploys to [redacted] during operation)
Clk	70450

d. S&D Staff

Maj	8446
Capt	8446
Clk	70450

e. Communications & Electronics Staff

Maj	3016
Capt	3016 (Deploys to Alaska during operation)
Capt	3016 (Deploys to [redacted] during operation)

f. [redacted] Messenger (Recovery Force)

1 ea Maj 8446 (At McClellan AFB)

g. Aircrew Unit [redacted]

h. AFS Headquarters Airlines

1Lt Col	8446
Clk	70450

i. Tracking Station #1

Maj	8446
Capt	8446

CONFIDENTIAL

[redacted] bort

e. Training Station #2

Maj [redacted]
Capt [redacted]

3. MARITIME UNIT

a. Reserve Force Coordinator

[redacted]

b. Naval Forces Directors (Reserve)

Maj [redacted]
Capt (2) [redacted]

c. Training Station #3

Maj [redacted]
Capt [redacted]

4. [redacted] CONTROL DATA UNIT

a. Ft. Hugo Naval Electric Test Center

Maj [redacted]
Civ [redacted]

b. Laboratory Units

Maj [redacted]

[redacted]	[redacted]			
1A Off	3	[redacted]	Civ	6 (Ov)
Maj	2A	[redacted]		
Capt	3	[redacted]		
	28			6 (Ov)

[redacted] 45736 Port Hq (Special is also an element of this Port [redacted] Hamilton Unit.

[redacted]

UNIT MANNING DOCUMENT - PART II - AUTHORIZATION

UIC NUMBER	COMMAND	SUBCOMMAND	DATE: MONTH	DATE: YEAR

ORGANIZATION AND LOCATION

C-119J UNIT OF WSC-0177, TASK ORGANIZATION

FUNCTION CODE	TITLE	GRADE	AFSC		CAT	SUB PROJ NO.	AUTHORIZATIONS: TOTAL	FILLED: TOTAL	FILLED: W/O	FILLED: OTHER	OVERAGE/SHORTAGE REMARKS	
01000	COMMAND											
	Commander	LTC	1055P									
03000	UNIT ADMIN											
	Personnel Off	CPT	73XX									
	Admin Clerk	A1C	70250									
	First Sergeant	MSG	73170									
	Apr Pers Spcal	A2C	73230									
	Pers Spcal	A1C	73250									
	Pers Spcal	SSG	73250									
04000	UNIT SUPPLY											
	Supply Officer	CPT	64XX									
	Apr Orgn Supply Spcal	A2C	64131									
	Orgn Supply Spcal	A1C	64151									
	Orgn Supply Spcal	SSG	64151									
	Orgn Supply Supv	TSG	64173									
67000	PER EQUIP SERV											
	Apr Pwr Eq Spcal	A1C	92230A									
	Pwr Eq Spcal	A1C	92250A									
	Pwr Eq Spcal	SSG	92250A									
	Pwr Eq Supv	TSG	92270A									
80010	ACFT MAINT											
	Acft Maint Officer	CPT	43XX									
	Apr Acft 1 or 2 Eng Mec	A2C	43131A									
	Acft 1 or 2 Eng Mec	A1C	43151A									
	Acft 1 or 2 Eng Mec	SSG	43151A									
	Acft Maint Insp	TSG	43171A									
	Acft Maint Insp	MSG	43171A									
	Crew Chief	TSG	43171A									
	Flight Chief	MSG	43171A									
	Line Chief	MSG	43171A									
	Apr Admin Clerk	A2C	70230									
	Admin Clerk	A1C	70250									
80080	ACFT OPERATION											
	Pilot Troop Carrier	LT	1055P									
	Pilot Troop Carrier	CPT	1055P									
	Pilot Troop Carrier	MAJ	1055P									
	Air Operations Off	MAJ	1055P									
	Navigator	LT	153X									
	Navigator	CPT	153X									
	Navigator	MAJ	153X									
	Air Oper Spcal	A1C	27150									
	Air Oper Supv	TSG	27170									
	Apr Navigator	A1C	A3152									
	Acft 1 or 2 Eng Mec	TSG	A43171A									
	Nav Instl Spcal	SSG	A3152									
	Acft Load Master	SSG	60153									
	Admin Clerk	A1C	70250									

AF FORM 2end

UNIT MANNING DOCUMENT - PART II - AUTHORIZATION

T/O NUMBER	COMMAND	SUBCOMMAND	DATE: MONTH	DATE: YEAR

ORGANIZATION AND LOCATION

C-119J UNIT OF MB-117L TASK ORGANIZATION

FUNCTION CODE	TITLE	GRADE	AFSC		CAT	DUD PROJ NO.	AUTHORIZATIONS: TOTAL	MILITARY: TOTAL	MILITARY: W/D	MILITARY: [illegible]	DEFENSE CIVILIAN	REMARKS
80110	ACFT ENG MAINT											
	Rec Eng Mech	A1C	43251									
	Rec Eng Mech	SSG	43251									
	Rec Eng Tech	TSG	43271									
										10		
80210	AFT SM MAINT											
	Metal Proc Spec	SSG	53250									
	Airframe Rpmn	A1C	53430									
	Airframe Rpmn	SSG	53450									
	Wood Worker	SSG	55250									
	Painter	SSG	55251									
80310	ACFT EL SYS MAI											
	Acft Elect Rpmn	A1C	42350									
	Acft Elect Rpmn	SSG	42350									
	Acft Elect Rpr Tech	TSG	42370									
80410	ACFT H-H MAINT											
	Acft Hydraulic Rpmn	A1C	42152									
	Acft Hydraulic Rpmn	SSG	42152									
80510	ACFT INST MAINT											
	Inst Rpmn	A1C	42250									
	Inst Rpmn	SSG	42250									
80610	ACFT PROP MAI											
	Acft Prop Rpmn	A1C	42151									
	Acft Prop Rpmn	SSG	42151									
80710	ACFT AUX EQ MAI											
	Apr Gnd Pow/Spt Eq Rpmn	A2C	47230									
	Gnd Pow/Spt Eq Rpmn	A1C	47250									
	Gnd Pow/Spt Eq Rpmn	SSG	47250									
	Apr Mec Acc/Eq Rpmn	A2C	42231									
	Mec Acc/Eq Rpmn	SSG	42251									
80410	OCEN ELEC MAINT											
	ASW Electronics Off	CPT	3054									
81610	AEW RAD MAI											
	Ap Rad Eq Gen Rpmn	A2C	301308									
	AC Rad Nav Eq Rpmn	A1C	301500									
	AC Rad Nav Eq Rpmn	SSG	301500									
81710	AEW NAV MAI											
	Apr AC El Nav/Eq Rpmn	A2C	301318									
	AC El Nav/Eq Rpmn	A1C	30151A									
	AC El Nav/Eq Rpmn	SSG	30151A									
	AC El Nav/Eq Tech	TSG	30171									

AF [illegible] [illegible] previous editions of this form are obsolete.

UNIT MANNING DOCUMENT - PART II - AUTHORIZATION

UIC [redacted] | CONCURS | DISCONCURS | DATE | TIME

ORGANIZATION AND LOCATION

O-119J UNIT OF MS-117L TASK ORGANIZATION

FUNCTION CODE	TITLE	GRADE	AFSC		CAT	SUB PROJ NO.	AUTHORIZATIONS: TOTAL	MILITARY: TOTAL	MILITARY: O/S	MILITARY: ENL	CIVILIAN EMPLOYEES	REMARKS
	GRADE RECAP											
		LTC								1		
		MAJ								1		
		CPT								5		
		LT								6		
		MSG								6		
		TSG								15		
		SSG								25		
		A1C								100		
		A2C								100		
		TOTAL								143		

AIR FORCE BALLISTIC MISSILE DIVISION
HEADQUARTERS
AIR RESEARCH AND DEVELOPMENT COMMAND
Post Office Box 262
Inglewood, California

ANNEX C
TO
OPERATION ORDER
SERIAL NO. 2-58
COMMUNICATIONS - ELECTRONICS

ANNEX C

TO

OPERATIONS ORDER AFBMD 2-58

COMMUNICATIONS - ELECTRONICS

AF Ballistic Missile Division
(ARDC)
Inglewood, California

PART I

INDEX AND INSTRUCTIONS

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3. TABLE OF REFERENCE MATERIAL: See Part I, paragraph 2 and 4.

4. ADMINISTRATIVE INSTRUCTIONS:

a. This annex has been written to conform with AFSAG Operations 2-35, and is published as an interim information document. Only general C-E data and information is contained herein as detailed firm information in the C-E area is dependent on final operational concept. Estimated publishing date of the formal C-E annex is about 1st September 1950, at which time this annex will be destroyed.

PART II

EXPLANATION

5. GENERAL REMARKS:

a. The communication system for Phase IV, W-11T, provides terminals for the interstation communication system and provides support for station operations. In general, this system serves two purposes:

(1) It provides terminals for the interstation communication system, linking all stations, and

(2) It provides communications for station operations, teletype, high speed data, and voice circuits to and from these station terminals on the interstation communication equipment, which routes the circuits to and from points within the station. Also, the system provides data, teletype, telephone, and voice-keying circuits necessary for proper station operations. The detailed communication equipment requirements, circuit requirements, and routing for each station is described in Part III and illustrated in Appendices I through [illegible].

(3) All communication facilities and equipment, with the exception of those provided by the U.S. Navy, are commercially leased from the AT&T, [illegible] Hawaiian Telephone Company, PT&T Company, General Telephone Company, and [illegible] Alaskan Communications System.

6. TYPES OF COMMUNICATIONS:

a. Interstation

(1) Digital data communication circuits are required between the [illegible] station plotting equipment and the interstation teletype equipment. These circuits provide interconnections between the Mod II radar, the AN/TLM-18, [illegible] and supply equipment for control, display, and command these equipments as [illegible]

automatic tape perforators located in the central communication areas.

(2) A voice telephone system interconnecting the operators and [illegible] is required for use during each tracking pass. In addition, numerous [illegible] display, and control circuits are required.

(3) Voice telephone communications are required for administrative traffic and to conduct routine maintenance, checkout, calibration, and [illegible] official activities.

(4) Voice paging communications are required to conduct operations and general administrative activities, such as announcements of an administrative nature, local countdown information and instructions from the operations control viewer prior to and during operations.

b. Long Lines:

(1) Long line 24-kbps point-to-point alternate voice and 100 WPM teletype [illegible] duplex data circuits and 60 WPM teletype circuits interconnect all stations involved in the Phase IIA program. The detailed operating station listing for this system, including equipment requirements and circuits requirements, is further defined in Part III and illustrated on Appendix I.

PART III

COMMUNICATIONS - ELECTRONICS SYSTEM

GENERAL

a. The communication-electronics system is to plan, provide, install, operate and maintain communication-electronic equipment consists of fixed station [illegible] and flexible circuits within the individual stations and between [illegible]

B. OPERATING STATIONS:

a. COOKE AIR FORCE BASE:

(1) This station includes launching, tracking, command control, [illegible] telemetry receiving station facilities required during the launch phase of [illegible] The tracking, command, and telemetry station is also required for [illegible] program.

(2) The communications center is located in the administration [illegible] building. All communications will be handled through this center. [illegible] circuits and operational usage required for this station is listed in Appendix II and III.

b. [redacted]:

(1) This station is required for the launch phase of flight and [redacted] of tracking, command control, and telemetry receiving facilities. Station configuration is a mobile facility.

(2) Equipment, circuit and operational usage required for this [redacted] listed in Appendix IV.

[redacted]; SHIP

(1) This station consists of a ship-borne telemetry receiving [redacted] launch site-and will be equipped and operated [redacted] Navy.

d. PALO ALTO

(1) This station serves as a command center and consists primarily of computing equipment. Station equipment will consist of the 1103 Lockheed, the 8-2000 Philco and a communications center interface between the Lockheed [redacted]

(2) Three locations, [redacted] as the operations control center, the Lockheed computer, and Philco computer, all exist at Palo Alto.

(3) Equipment, circuit and operational usage required for this [redacted] are listed in Appendix V, VI, and VII.

e. [redacted] ISLAND AND KWAJALEIN

(1) These stations are required primarily for tracking, [redacted] telemetry reception. In addition, the [redacted] facility at Canton stations will be used to command re-entry of the expendable capsule and [redacted] the re-entry path.

(2) Equipment, circuit and operational usage required for this [redacted] listed in Appendix VIII and IX.

f. HAWAII:

(1) This station is required for tracking, command and [redacted] This station monitors the various in orbit and during [redacted]

(2) Equipment, circuit and operational usage required for this [redacted] listed in Appendix X.

g. [redacted] FORCE:

(1) The operating force will consist of [redacted] and/or civilian [redacted] personnel [redacted] Navy.

AIR FORCE BALLISTIC MISSILE DIVISION

HEADQUARTERS

AIR RESEARCH AND DEVELOPMENT COMMAND

POST OFFICE BOX 262

Inglewood, California

ANNEX D

TO

OPERATIONS ORDER

SERIAL NO. 2-58

INSTALLATIONS

ANNEX D

TO

OPERATIONS ORDER

SERIAL NO. 2-58

INSTALLATIONS

Detachment 2, Hq, ARDC (AFBMD)
Inglewood, California
date

I. GENERAL

a. For the most part all actions concerning the development of facilities required to support Program IIA have been accomplished. The AFBMD Field office, Palo Alto, should be prepared to assist, however, in facility planning for later scheduled WS-117L programs.

II. ACQUISITION OF FACILITIES TO SUPPORT PROGRAM IIA

a. Site Selection: Site selection and acquisition of sites has been accomplished by BMD.

b. Master Planning: Master planning of facilities has been accomplished by BMD.

c. Programming: The necessary technical and support facilities have been programmed by BMD.

d. Design: The design of technical and support facilities has been completed.

e. Funding: Funds for construction have been received and made available to the Corps of Engineers, and 11the Naval District.

f. Construction: Facilities are under construction with a BOD date of September 1958.

g. Down Range Telemetry Ship will be provided by Pacific Missile Range. However, leasing, modification, and operation costs will be funded by WS-117L.